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1	Case 01-01139-AMC Doc 4020-3 Filed 07/08/03 Page 1 of 5	
, · · · · ·	IN THE UNITED STATES DISTRICT COURT	
2	FOR THE DISTRICT OF SOUTH CAROLINA GREENVILLE DIVISION	
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. 4	BLUE CROSS AND BLUE SHIELD ) OF SOUTH CAROLINA,	
•	)	
5	PLAINTIFF.	
•		
6	VERSUS ) C/A NO. 6:89-1287-1	
7	W.R. GRACE F. DO.	
•	W.R. GRACE & COCONN.,	
8	DEFENDANT.	
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. 9	Beroom	
10	BEFORE:	
	THE HON JOSEPH -	
11	THE HON. JOSEPH F. ANDERSON. JR.	
	U.S. DISTRICT JUDGE	
12	·	
. 1.3		
·	GREENVILLE. S.C.	
14	MAY 30, 1991	
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16	****	
	TRANSCRIPT OF JURY TRIAL	
17		
18	APPEARANCES:	-
	FOR THE PLAINTIFF: DANTEL SPETCHTO TO	
19	- SPEIGHTS, ESD.	
	CHARLES ALAN RUNYAN. ESQ. P.O. BOX 685	
20	HAMPTON. S.C. 29924	
21		
	FOR THE DEFENDANT: L. GRAY GEDDIE, JR., ESQ.	
22	300 NORTH MAIN STREET	
.	GREENVILLE. S.C. 29602	
23	LOUIS C. WOOLF. ESQ.	
24	900 GAY STREET, S.W. SUITE 2200	
	KNOXVILLE. TENNESSEE 37902	
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YOU HAVE TO BET THE ASBESTOS DOWN TO A POINT WHERE YOU HAVE SINGLE FIBERS. A GOOD ANALOGY OF THIS IS IF YOU HAVE SO MUCH ASBESTOS IT WOULD BE LIKE LOOKING AT A PLATE OF SPAGHETTI AND TRYING TO DETERMINE HOW MANY STRANDS ARE THERE. NOW IF I TAKE THAT PLATE OF SPAGHETTI AND I SPREAD IT OUT OR PUT IN WATER AND DILUTE IT NOW I CAN COUNT THOSE INDIVIDUAL SPAGHETTI FIBERS OR ASBESTOS FIBERS. SO THAT'S WHY WE DO THAT SIR.

Q. ONE MORE LINE OF QUESTIONING, DR. LONGO, THERE'S BEEN SOME TESTIMONY SPECIFICALLY BY DR. LEE THAT SONIFICATION, AND I MAY MISSTATE THIS, BUT I BELIEVE HE SAID IT EXPLODES FIBERS OR BREAKS THEM UP. DO YOU AGREE WITH THAT?

A. NO, SIR. ASBESTOS FIBERS HAVE A TENSILE STRENGTH OF 100,000 P S I, THEY ARE NOT BREAKING APART OR EXPLODING. 1

THINK YOUR GLASS BEAKERS WOULD EXPLODE WAY BEFORE THEN.

Q. DR. LONGO, LET'S JUST ASSUME FOR THE SAKE OF ARGUMENT

THAT ASBESTOS FIBERS WERE BEING BROKEN UP WITH SONIFICATION.

WHAT WOULD YOU EXPECT THE RESULTS TO SHOW AS COMPARED TO ONE

THAT WASN'T SONICATED. IF THAT WAS HAPPENING?

A. WELL, IF YOU CAN LOOK AT IT THIS WAY, LET'S GO BACK TO
THE SPAGHETTI. IF YOU HAD DRIED SPAGHETTI AND SAY IT WAS THIS

TALL AND I HAD A HUNDRED STALKS OF SPAGHETTI THIS TALL AND I HAD EXPLODED THEM ALL UP. SO WHAT I WOULD BE DOING IS TAKING THEM UP AND PRETTY SOON I WOULD HAVE ALL I SPAGHETTI FIBERS THIS TALL. SO YOU WOULD GO FROM ALL THESE BIG TALL SPAGHETTI FIBERS TO ALL THESE SMALL ONES. SO YOU WOULD EXPECT TO HAVE NO BIG SPAGHETTI FIBERS OR NO BIG ASBESTOS FIBERS.

THAT'S NOT WHAT HAPPENS WHEN WE SEE SONIFICATION, I SEE THAT THE SIZE DISTRIBUTION OF OUR BIG FIBERS AND OUR LITTLE FIBERS STAY THE SAME. AND IN THAT WORK WE HAVE DEMONSTRATED OVER AND OVER—— IN FACT THAT BOOK YOU ARE HOLDIN ALSO SUGGESTS THAT'S WHAT IS HAPPENING. SO, THE SIZE DISTRIBUTION DOES NOT CHANGE. IF YOU ARE BREAKING OR EXPLODING THINGS UP OR MAKING THEM SMALLER, YOU HAVE TO GET A WHOLE BUNCH OF SMALL ONES AND NO BIG ONES AND THAT DOES NOT HAPPEN.

- 17 Q. IS THAT ALSO THE CASE WITH THE NUMBER OF MATRICES AND 18 CLUSTERS AND BUNDLES?
- A. WE SEE THE SAME SIZE DISTRIBUTIONS, SO IN FACT WE FEEL WE
  ARE GETTING A MORE BETTER HOMOGENEOUS DISTRIBUTION, WE ARE
  ABLE TO SEE ALL THE STRUCTURES BETTER.
- 22 Q. DR. LONGO, IS YOUR TESTIMONY CONSISTENT WITH THIS 23 DOCUMENT?
- 24 A. YES, SIR.

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25 Q. AND WHAT IS THIS DOCUMENT?

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